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RF Exposure Evaluation Report

Product Sport Earbuds

Trade mark Walker's

Model/Type reference **GWP-DSRPT**

Serial Number N/A

Report Number EED32P80349003 **FCC ID** 2AU3A-DSRPT Date of Issue Apr. 06, 2023

47 CFR Part 1.1307

47 CFR Part 2.1093 **Test Standards**

KDB447498D01 General RF

Exposure Guidance v06

Test result PASS

Prepared for:

Good Sportsman Marketing.LLC 5250 Frye Road Irving.TX 75061

Prepared by:

Centre Testing International Group Co., Ltd. Hongwei Industrial Zone, Bao'an 70 District, Shenzhen, Guangdong, China

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Date:

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Apr. 06, 2023

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Check No.: 1211150323



















1 Version

	Description
00 Apr. 06, 2023	Original















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3 General Information

3.1 Client Information

Applicant:	Good Sportsman Marketing.LLC	
Address of Applicant:	5250 Frye Road Irving.TX 75061	
Manufacturer:	Good Sportsman Marketing.LLC	~~
Address of Manufacturer:	5250 Frye Road Irving.TX 75061	(27)
Factory:	Concord Intelligent Technology (Huizhou) Ltd.	
Address of Factory:	25, Ping An Rd, Shuikou Street, Hui Cheng District, Huizhou City Province, China	y, Guangdong

3.2 General Description of EUT

Product Name:	Sport Earbuds		
Model No.(EUT):	GWP-DSRPT		
Trade mark:	Walker's		
Product Type:	☐ Mobile ☐ Portable	☐ Fix Location	
Power Supply:	DC 3.7V		(0)
Test Voltage:	DC 3.7V		
Sample Received Date:	Mar. 15, 2023		
Sample tested Date:	Mar. 15, 2023 to Mar. 21, 2	2023	
2.20		2.0.	

Remark

Company Name and Address shown on Report, the sample(s) and sample Information were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified.

During the test, the data was showed in all modes, only the worst case left ear was recorded in the report.

3.3 General Description of BLE

	— [
Operation Frequency:	2402MHz~2480MHz			
Modulation Type:	GFSK			
Transfer Rate:	⊠ 1Mbps ⊠ 2Mbps	(:5)	(3)	
Number of Channel:	40	(25)	(27)	
Antenna Type:	LDS Antenna			
Antenna Gain:	Left ear : -0.31 dBi			
	Right ear : -0.29 dBi			

3.4 General Description of BT Classic

Operation Frequency:	2402MHz~2480MHz		
Modulation Technique:	Frequency Hopping Spread Spectrum(FHSS)		
Modulation Type:	GFSK, π/4DQPSK, 8DPSK	/°>	
Number of Channel:	79		
Hopping Channel Type:	Adaptive Frequency Hopping systems		
Antenna Type:	LDS Antenna		
Antenna Gain:	Left ear : -0.31 dBi Right ear : -0.29 dBi		



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3.5 Test Location

All tests were performed at:

Centre Testing International Group Co., Ltd

Building C, Hongwei Industrial Park Block 70, Bao'an District, Shenzhen, China

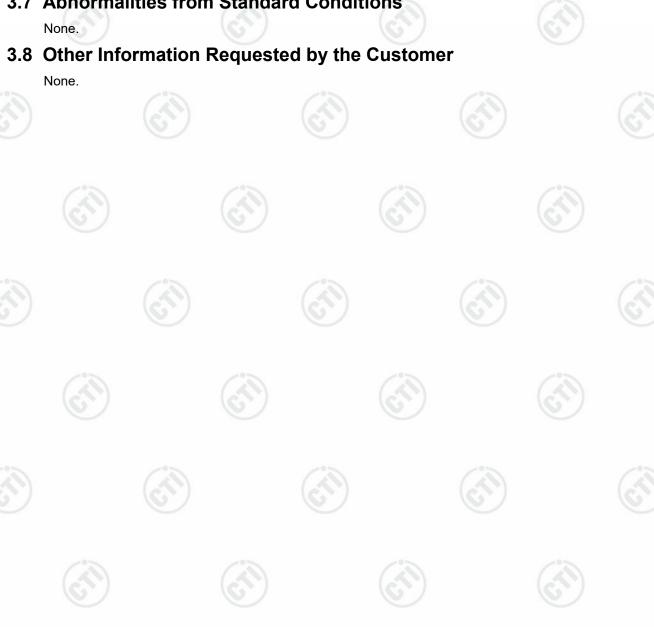
Telephone: +86 (0) 755 33683668 Fax:+86 (0) 755 33683385

No tests were sub-contracted. FCC Designation No.: CN1164

3.6 Deviation from Standards

None.

3.7 Abnormalities from Standard Conditions



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4 SAR Evaluation

4.1 RF Exposure Compliance Requirement

4.1.1 Standard Requirement

According to KDB447498D01 General RF Exposure Guidance v06 Standalone SAR test exclusion considerations

Unless specifically required by the published RF exposure KDB procedures, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions, by measurement or numerical simulation, is not required when the corresponding SAR Exclusion Threshold condition, listed below, is satisfied.

Limits

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

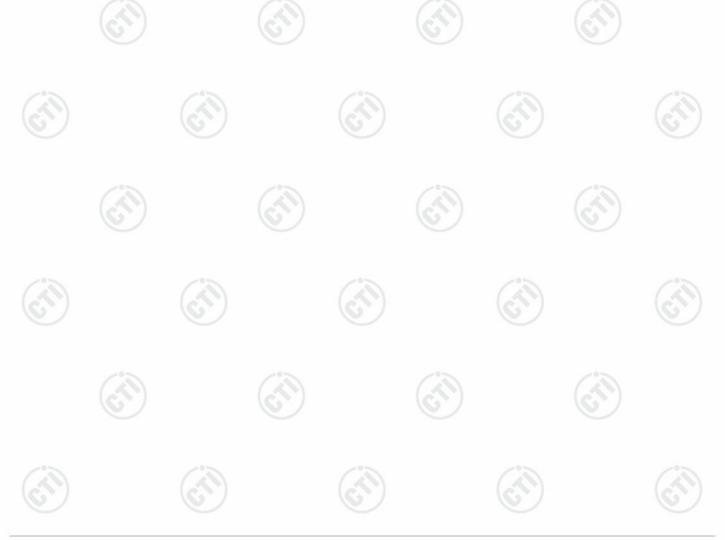
[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] · [√f(GHz)] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where

f(GHz) is the RF channel transmit frequency in GHz

Power and distance are rounded to the nearest mW and mm before calculation¹⁷

The result is rounded to one decimal place for comparison

The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion





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4.1.2 EUT RF Exposure

1) For BLE

Measurement Data:

The Ear L for 1M of data is worst, only the worst case is recorded in the report.

	<u> </u>		•					
GFSK mode								
Test channel	annel Peak Output Power Tune up tolerance		Maximum tune-up Power					
	(dBm)	(dBm)	(dBm)	(mW)				
Lowest(2402MHz)	0.84	1.0±1	2.0	1.585				
Middle(2440MHz)	1.22	1.0±1	2.0	1.585				
Highest(2480MHz)	1.52	1.0±1	2.0	1.585				

Channel	Maximum Peak Conducted	Tune up		im tune- ower	Calculated	Exclusion
Chamie	Output Power (dBm)	(dBm)	(dBm)	(mW)	value	threshold
Lowest (2402MHz)	0.84	1.0±1	2.0	1.585	0.499	
Middle (2440MHz)	1.22	1.0±1	2.0	1.585	0.499	3.0
Highest (2480MHz)	1.52	1.0±1	2.0	1.585	0.499	(c)

Remark: The Max Conducted Peak Output Power data refer to report Report No.: EED32P80349001.





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2) For BT Classic Measurement Data

The Ear L of data is worst, only the worst case is recorded in the report.

	GFSK m	node			
Test channel	Peak Output Power	Tune up tolerance	Maximum tune-up Powe		
	(dBm)	(dBm)	(dBm)	(mW)	
Lowest(2402MHz)	0.95	1.0±1	2.0	1.585	
Middle(2441MHz)	1.27	1.0±1	2.0	1.585	
Highest(2480MHz)	1.59	1.0±1	2.0	1.585	
	π/4DQPSk	(mode			
Test channel	Peak Output Power	Tune up tolerance	Maximum tun	e-up Power	
	(dBm)	(dBm) (dBm)			
Lowest(2402MHz)	0.47	1.0±1	2.0	1.585	
Middle(2441MHz)	0.83	1.0±1	2.0	1.585	
Highest(2480MHz)	1.14	1.0±1	2.0	1.585	
	8DPSK r	node			
Test channel	Peak Output Power	Tune up tolerance	Maximum tune-up Power		
	(dBm)	(dBm)	(dBm)	(mW)	
Lowest(2402MHz)	1.04	1.0±1	2.0	1.585	
Middle(2441MHz)	1.36	1.0±1	2.0	1.585	
Highest(2480MHz)	1.7	1.0±1	2.0	1.585	

Worst case: 8D	PSK		- /		7	
Channel	Maximum Peak Conducted	Tune up tolerance		ım tune- ower	Calculated	Exclusion
	Output Power (dBm)	(dBm)	(dBm)	(mW)	value	threshold
Lowest (2402MHz)	1.04	1.0±1	2.0	1.585	0.499	6
Middle (2441MHz)	1.36	1.0±1	2.0	1.585	0.499	3.0
Highest (2480MHz)	1.7	1.0±1	2.0	1.585	0.499	(i)
Conclusion: the	calculated value ≤	3.0, SAR is exemp	ted.		1/20	•

Remark: The Max Conducted Peak Output Power data refer to report Report No.: EED32P80349002.







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